ImageObject Trial Version

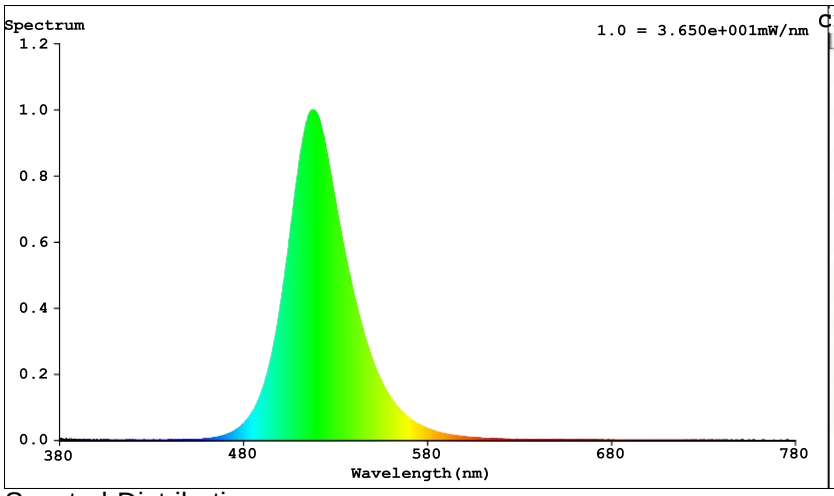
Spectrum Test Report

Sample	: E24N260RGB	Date	: 2019-04-17 16:47:10
Specification	: 5050 120LED 12MM 24V 28.8W RGB IP20 1M		
Sample No.	: LD19040302#05	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

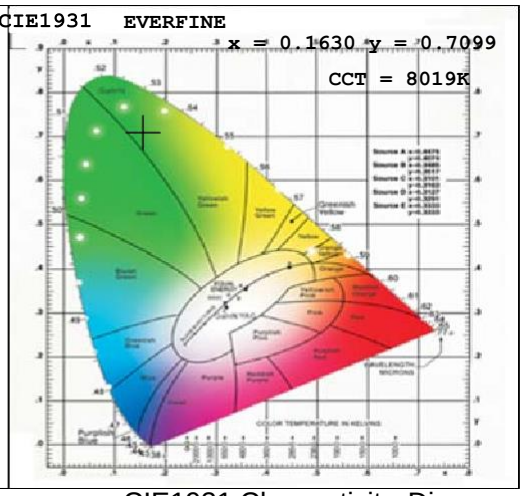
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52733 (80%)
Test Mode	: Fast Test	T	: 112 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1630 y = 0.7099 / u' = 0.0582 v' = 0.5708 (duv=1.58e-01)

CCT= 8019K Prcp WL: Ld=524.4nm Purity=76.1%

Peak WL: Lp=517nm FWHM: =35.2nm Ratio:R=0.3% G=96.7% B=3.0%

Render Index: Ra = 0.0 CRI = 3.0 AvgR = 2.8 TM30:Rf=1 Rg=9

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=42	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 703.88 lm Eff. : 72.91 lm/W Fe = 1.5080 W

Flux of emitted photons(umol/s):6.5871 Fluo. and blue light ratio:86.22 Fluorescent eff.:154.4

Electrical parameters

V = 24.00 V I = 0.4023 A P = 9.654 W PF = 1.000 F=0.00 Hz

ImageObject Trial Version

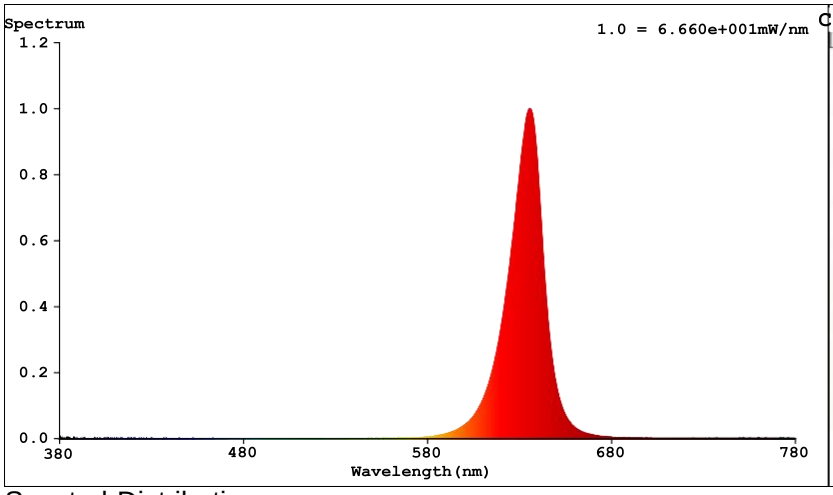
Spectrum Test Report

Sample	: E24N260RGB	Date	: 2019-04-17 16:48:13
Specification	: 5050 120LED 12MM 24V 28.8W RGB IP20 1M		
Sample No.	: LD19040302#05	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

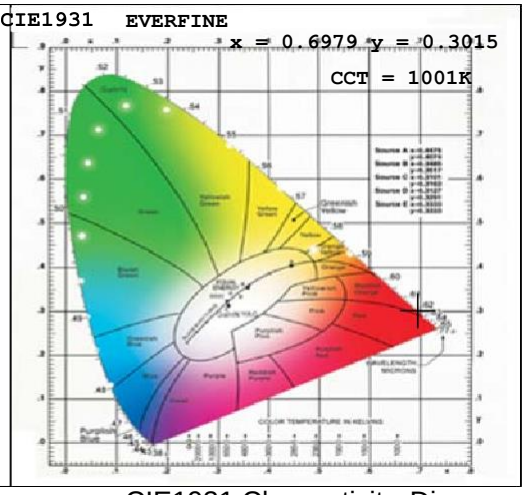
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48320 (74%)
Test Mode	: Fast Test	T	: 56 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.6979 y = 0.3015 / u' = 0.5346 v' = 0.5196 (duv=-8.71e-02)

CCT= 1001K Prcp WL: Ld=623.7nm Purity=99.8%

Peak WL: Lp=635nm FWHM: =19.3nm Ratio:R=95.7% G=4.3% B=0.0%

Render Index: Ra = 28.6 CRI = 33.9 AvgR = 31.6 TM30:Rf=35 Rg=-1

R1 =9	R2 =78	R3 =35	R4 =0	R5 =6	R6 =88	R7 =13	
R8 =0	R9 =0	R10=72	R11=0	R12=80	R13=31	R14=62	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 273.16 lm Eff. : 26.95 lm/W Fe = 1.5479 W

Flux of emitted photons(umol/s):8.1661 Fluo. and blue light ratio:31502 Fluorescent eff.:152.7

Electrical parameters

V = 24.00 V I = 0.4223 A P = 10.13 W PF = 1.000 F=0.00 Hz

ImageObject Trial Version

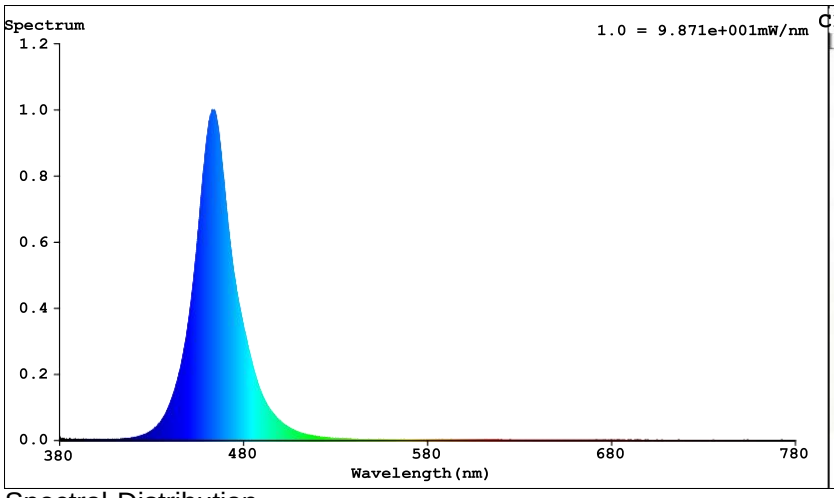
Spectrum Test Report

Sample	: E24N260RGB	Date	: 2019-04-17 16:48:33
Specification	: 5050 120LED 12MM 24V 28.8W RGB IP20 1M		
Sample No.	: LD19040302#05	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

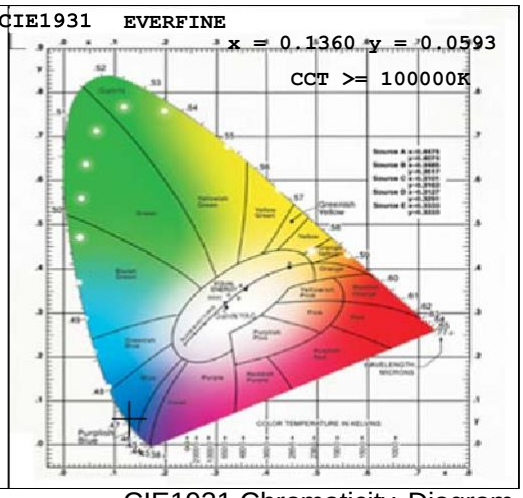
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 46477 (71%)
Test Mode	: Fast Test	T	: 56 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1360 y = 0.0593 / u' = 0.1581 v' = 0.1551 (duv=1.64e-01)

CCT>=100000K Prcp WL: Ld=468.0nm Purity=96.6%

Peak WL: Lp=464nm FWHM: =21.7nm Ratio:R=0.5% G=16.9% B=82.6%

Render Index: Ra = 0.5 CRI = 0.3 AvgR = 0.4 TM30:Rf=0 Rg=-102

R1 =0	R2 =0	R3 =0	R4 =0	R5 =4	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=2

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 182.58 lm Eff. : 18.96 lm/W Fe = 2.7134 W

Flux of emitted photons(umol/s):10.564 Fluo. and blue light ratio:0.1738 Fluorescent eff.:41.77

Electrical parameters

V = 24.00 V I = 0.4013 A P = 9.630 W PF = 1.000 F=0.00 Hz

ImageObject Trial Version

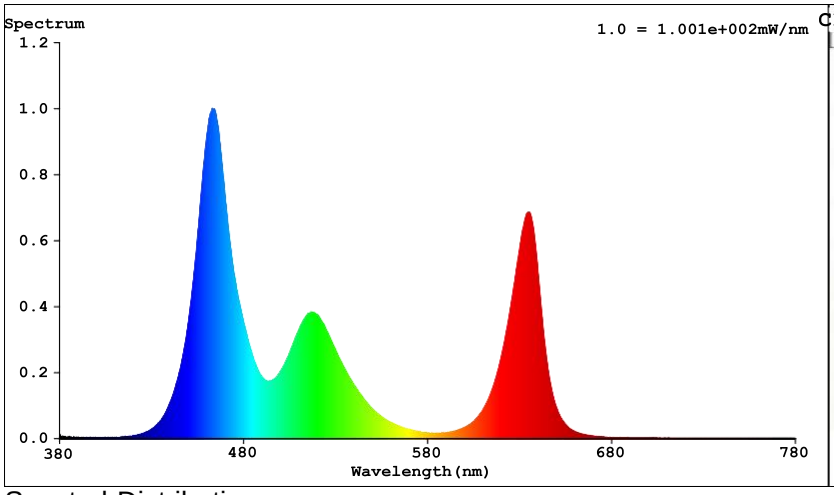
Spectrum Test Report

Sample	: E24N260RGB	Date	: 2019-04-17 16:51:40
Specification	: 5050 120LED 12MM 24V 28.8W RGB IP20 1M		
Sample No.	: LD19040302#05	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

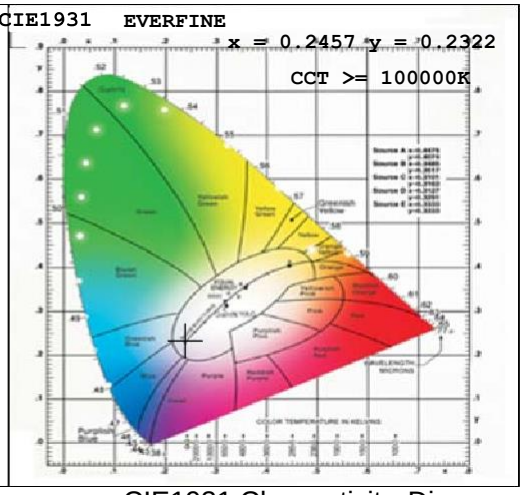
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49863 (76%)
Test Mode	: Fast Test	T	: 56 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.2457 y = 0.2322 / u' = 0.1856 v' = 0.3947 (duv=-5.71e-03)

CCT>=100000K Prcp WL: Ld=473.9nm Purity=39.8%

Peak WL: Lp=463nm FWHM: =21.6nm Ratio:R=23.5% G=61.9% B=14.6%

Render Index: Ra = 36.6 CRI = 32.8 AvgR = 30.6 TM30:Rf=36 Rg=117

R1 =12 R2 =44 R3 =68 R4 =35 R5 =37 R6 =46 R7 =51

R8 =0 R9 =0 R10=0 R11=24 R12=50 R13=15 R14=77 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1166.1 lm Eff. : 40.61 lm/W Fe = 5.7844 W

Flux of emitted photons(umol/s):25.384 Fluo. and blue light ratio:0.3771 Fluorescent eff.:55.16

Electrical parameters

V = 24.00 V I = 1.197 A P = 28.72 W PF = 1.000 F=0.00 Hz